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- (71) Applicant (for all designated States except AT, US): NO-VARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
- (71) Applicant (for AT only): NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CHAPOY**, Lawrence, L. [US/US]; 348 Ridge Road, Barrington Hills, IL 60010 (US). **DOMSCHKE**, Angelika, Maria [DE/US]; 3379 Ennfield Way, Duluth, GA 30096 (US). **SMITH**, Dawn [US/US]; 6015 State Bridge Road, #8106, Duluth, GA 30096 (US).
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(54) Title: OPHTHALMIC SENSOR

(57) Abstract: This invention is generally related to a biocompatible sensor for detecting/measuring sugar, especially glucose, in an ocular fluid in a non-invasive or minimally invasive manner and a method for using the biocompatible sensor. A biocompatible sensor of the invention comprises, consists essentially, or consists of an ophthalmic device comprising a molecular sensing moiety which interacts or, reacts with sugar to provide an optical signal which is indicative of sugar level in an ocular fluid.

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